

carbon-traders

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|
|  └─ .gitattributes
|  └─ .gitignore
|  └─ HELP.md
|  └─ mvnw
|  └─ mvnw.cmd
|  └─ pom.xml
|
|  └─ .mvn
|    └─ wrapper
|      └─ maven-wrapper.properties
|
|  └─ .idea
|  └─ .vscode
|
|  └─ src
|    └─ main
|      └─ java
|        └─ rs
|          └─ example
|            └─ carbon_traders
|              |
|              └─ CarbonTradersApplication.java
|
|              └─ config
|                └─ SecurityConfig.java
|                └─ JwtFilter.java
|                └─ JwtUtil.java
|                └─ CorsConfig.java
```

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| | | |└─ auth
| | | | |└─ controller
| | | | | |└─ AuthController.java
| | | | |└─ dto
| | | | | |└─ LoginRequest.java
| | | | | |└─ JwtResponse.java
| | | | |└─ service
| | | | | |└─ AuthService.java
| | | | |
| | | | |└─ user
| | | | | |└─ entity
| | | | | | |└─ User.java
| | | | | |└─ enums
| | | | | | |└─ Role.java
| | | | | |└─ repository
| | | | | | |└─ UserRepository.java
| | | | | |└─ service
| | | | | | |└─ UserService.java
| | | | |
| | | | |└─ farmer
| | | | | |└─ controller
| | | | | | |└─ FarmerController.java
| | | | | |└─ entity
| | | | | | |└─ Farmer.java
| | | | | | |└─ Land.java
| | | | | | |└─ Crop.java
| | | | | | |└─ SoilReport.java
| | | | | |└─ repository
| | | | | | |└─ FarmerRepository.java

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```
| | | |   └─ service
| | | |   └─ FarmerService.java
| | | |
| | | |   └─ company
| | | |   └─ controller
| | | |   |   └─ CompanyController.java
| | | |   └─ entity
| | | |   |   └─ Company.java
| | | |   └─ repository
| | | |   |   └─ CompanyRepository.java
| | | |   └─ service
| | | |   └─ CompanyService.java
| | | |
| | | |   └─ admin
| | | |   └─ controller
| | | |   |   └─ AdminController.java
| | | |   └─ service
| | | |   └─ AdminService.java
| | | |
| | | |   └─ carboncredit
| | | |   └─ entity
| | | |   |   └─ CarbonCredit.java
| | | |   └─ repository
| | | |   |   └─ CarbonCreditRepository.java
| | | |   └─ service
| | | |   └─ CarbonCreditService.java
| | | |
| | | |   └─ transaction
| | | |   └─ entity
| | | |   |   └─ CreditTransaction.java
```

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| | | | | repository
| | | | |   └─ TransactionRepository.java
| | | | | service
| | | | |   └─ TransactionService.java
| | | | |
| | | | | └─ ai
| | | | |   └─ controller
| | | | |     └─ AIVerificationController.java
| | | | |   └─ service
| | | | |     └─ AIVerificationService.java
| | | | |   └─ python
| | | | |     └─ crop_verification.py
| | | | |
| | | | | └─ blockchain
| | | | |   └─ controller
| | | | |     └─ BlockchainController.java
| | | | |   └─ service
| | | | |     └─ BlockchainService.java
| | | | |   └─ solidity
| | | | |     └─ CarbonCredit.sol
| | | | |
| | | | | └─ common
| | | | |   └─ exception
| | | | |     └─ GlobalExceptionHandler.java
| | | | |   └─ response
| | | | |     └─ ApiResponse.java
| | | | |
| | | | | └─ util
| | | | |   └─ FileUploadUtil.java
| | | | |
| | | | | └─ resources
```

```
| |   ├── application.yml
| |   ├── schema.sql
| |   ├── data.sql
| |   |
| |   └── static FRONTEND BUILT OUTPUT
| |       ├── index.html
| |       ├── assets
| |       |   ├── css
| |       |   ├── js
| |       |   └── images
| |       |
| |       └── react
| |           ├── components
| |           |   ├── Login.jsx
| |           |   ├── Navbar.jsx
| |           |   └── ProtectedRoute.jsx
| |           |
| |           ├── pages
| |           |   ├── FarmerDashboard.jsx
| |           |   ├── CompanyDashboard.jsx
| |           |   └── AdminDashboard.jsx
| |           |
| |           ├── services
| |           |   └── api.js
| |           |
| |           └── App.jsx
| |
| └── test
|
└── java
    └── rs
```

```
|      └─ example
|      └─ carbon_traders
|      └─ CarbonTradersApplicationTests.java
|
└─ target
```